



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

K-1951

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CSue  
9/4/02

Applicant : Takuji Goda et al. ✓  
Title : GLASS ARTICLE AND GLASS SUBSTRATE FOR DISPLAY PANEL  
Serial No. : 09/755,047 ✓  
Filed : January 8, 2001 ✓  
Group Art Unit : 1775 ✓  
Examiner : Andrew T. Piziali ✓

Hon. Director of Patents and Trademarks  
Washington, D. C. 20231

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AUG 30 2002  
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August 29, 2002

AMENDMENT

Sir:

In response to the Office Action of June 18, 2002, please amend the application, as follows:

IN THE SPECIFICATION

Delete page 2, line 20 to page 3, line 14, and add, as follows: ✓

31  
Such problem of stain due to metal colloids may occur not only in case of forming Ag metal electrode film, but also in case of forming another electrode film of metal such as Cu or Au which diffuses easily. The problem of the stain due to the Ag colloids may occur also in a rear window glass of an automobile having striped Ag electrodes for defogging.

It has been proposed that, in case of using alkali-containing glass as a substrate for a display, a barrier film is formed to prevent metal ions to diffuse whereby preventing ion exchange between alkali in the glass and Ag or the like used as electrodes in case of PDP and thus preventing the stain of the glass due to Ag colloids, wherein the barrier film is made of metal, a nitride, or an oxide such as SiO<sub>2</sub>, ZrO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, and TiO<sub>2</sub> (Japanese patent H09-245652A, Japanese patent H10-114549A, Japanese patent H10-302648A, Japanese patent